

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109859.D
 Acq On : 13 Oct 2018 3:17
 Operator : JU/SJ
 Sample : J5444-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101018-SIDI-F-D-M

Quant Time: Oct 13 04:10:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

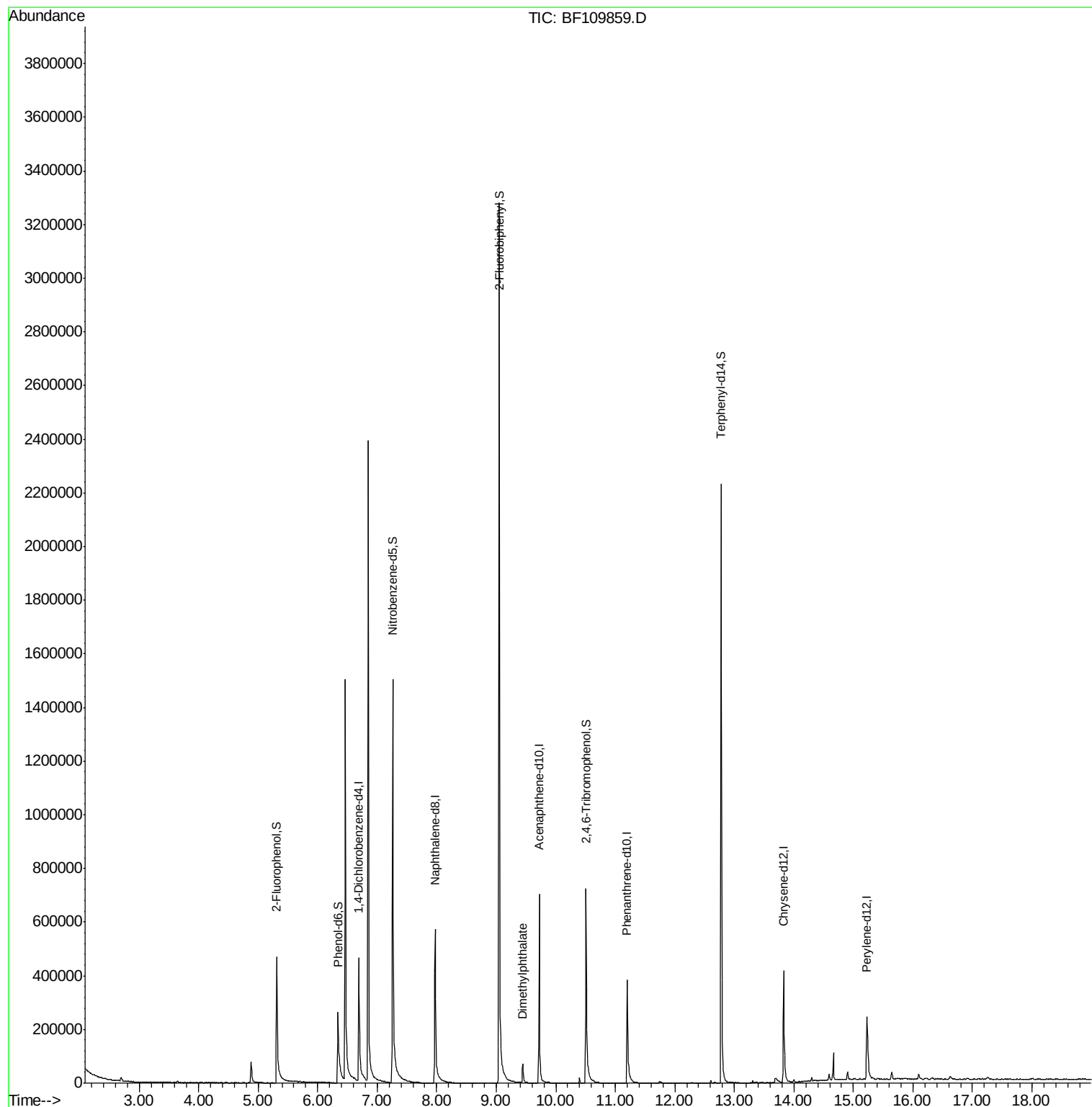
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	100362	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	383321	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	160379	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	245172	20.00	ng	0.00
75) Chrysene-d12	13.83	240	209040	20.00	ng	0.00
86) Perylene-d12	15.23	264	157357	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	213257	37.72	ng	-0.01
7) Phenol-d6	6.34	99	197989	26.21	ng	-0.02
23) Nitrobenzene-d5	7.26	82	740530	106.49	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	133382	76.33	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1260195	108.22	ng	0.00
78) Terphenyl-d14	12.78	244	857694	79.43	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	42635	3.625	ng	98

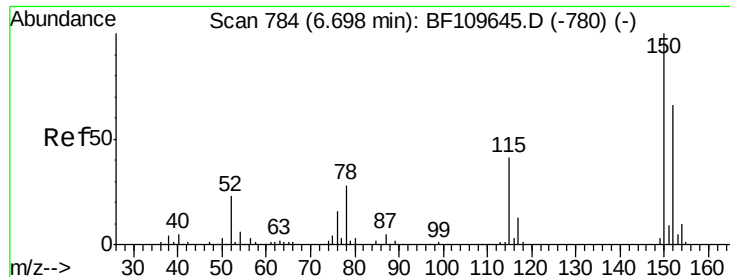
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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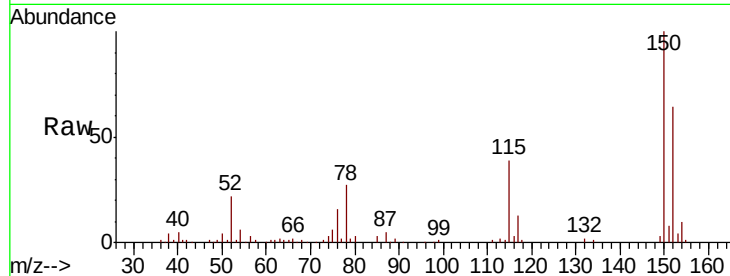


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109859.D
Acq: 13 Oct 2018 3:17

Instrument :
BNA_F
ClientSampleId :
101018-SIDI-F-D-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	122.7	184.1
115	60.7	49.1	73.7

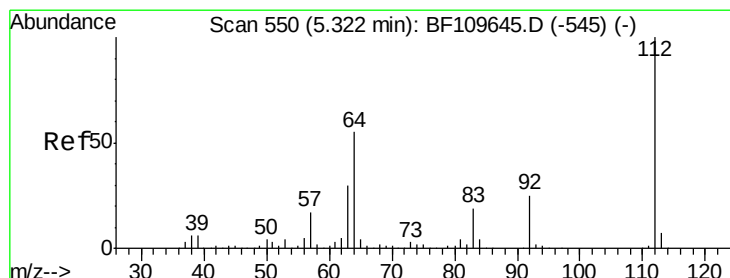
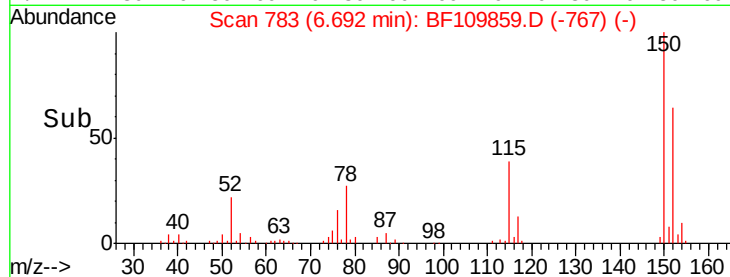
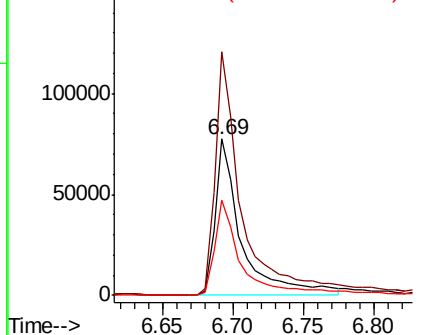


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

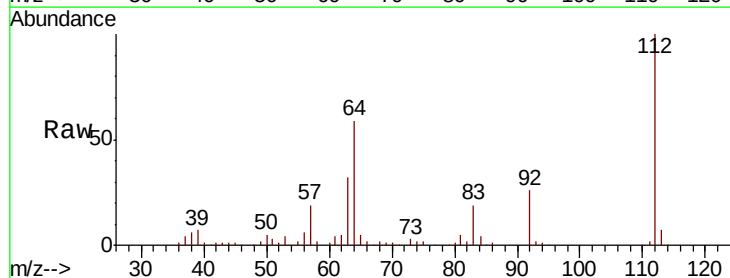
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 37.717 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109859.D
Acq: 13 Oct 2018 3:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	44.1	66.1
63	32.3	23.7	35.5

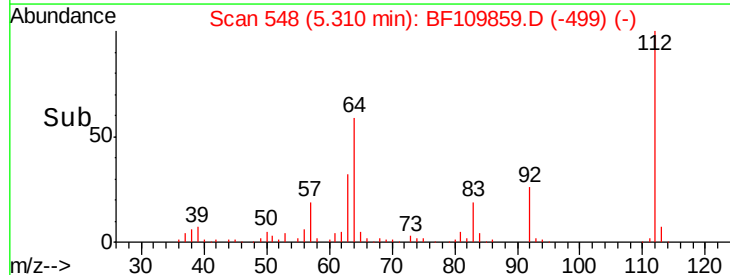
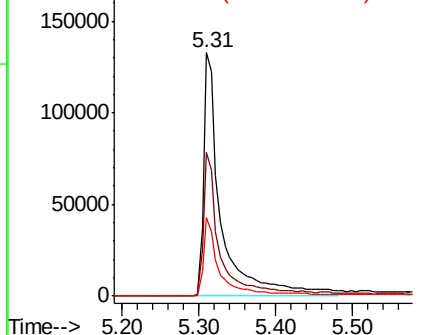


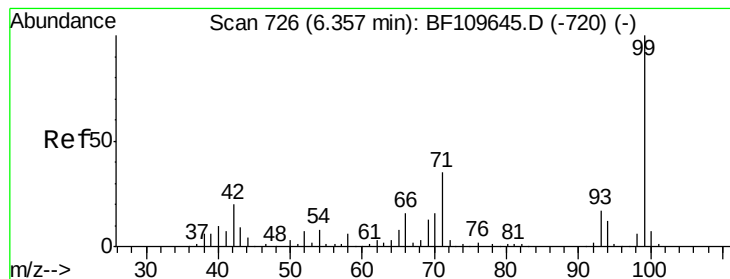
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 26.212 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109859.D

Acq: 13 Oct 2018 3:17

Instrument :

BNA_F

ClientSampleId :

101018-SIDI-F-D-M

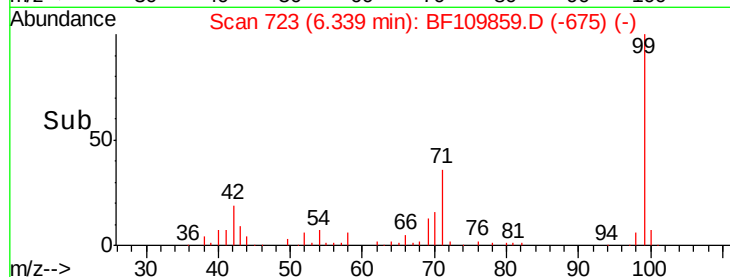
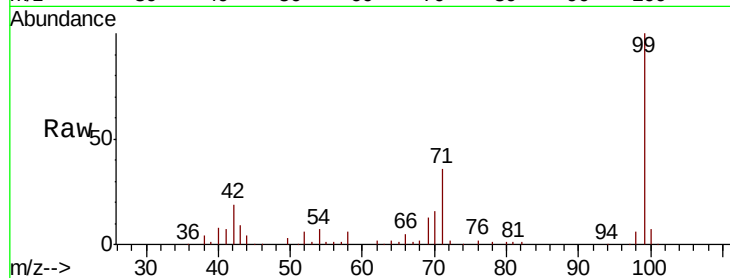
Tot Ion: 99 Resp: 197989

Ion Ratio Lower Upper

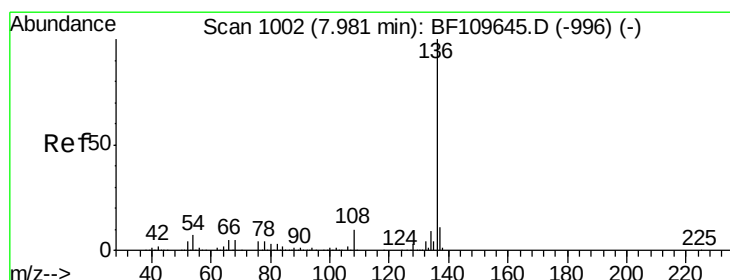
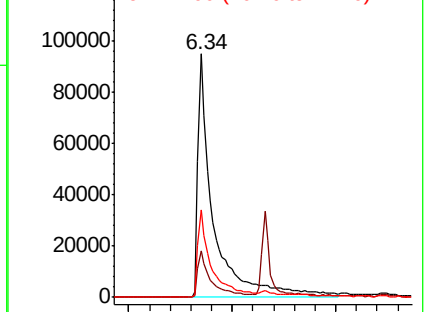
99 100

42 18.9 15.8 23.6

71 35.9 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109859.D

Acq: 13 Oct 2018 3:17

Tgt Ion: 136 Resp: 383321

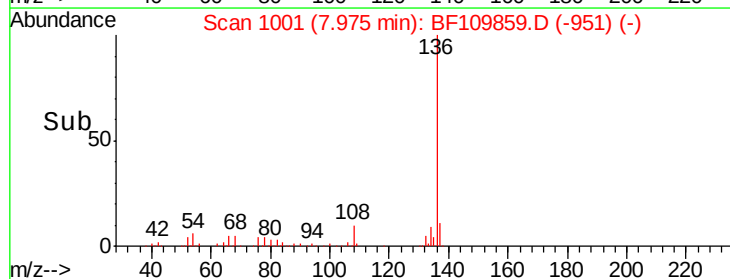
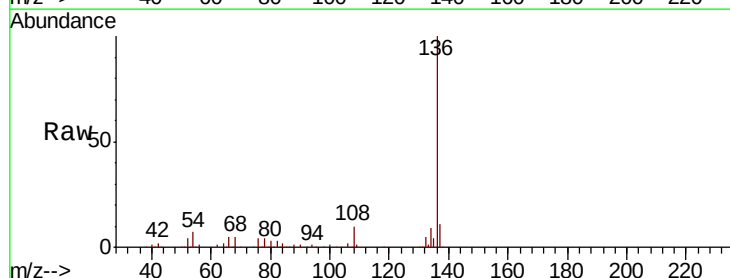
Ion Ratio Lower Upper

136 100

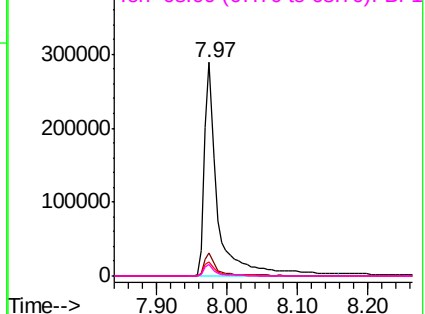
137 10.8 8.8 13.2

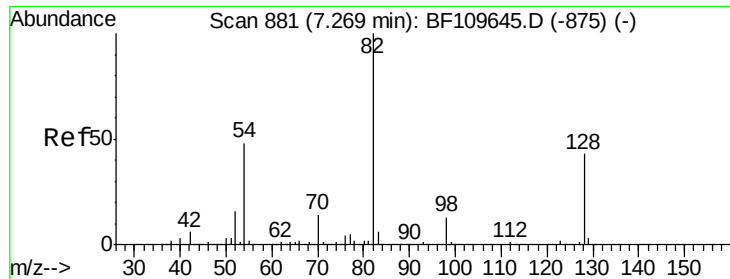
54 6.7 5.4 8.2

68 5.2 4.2 6.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

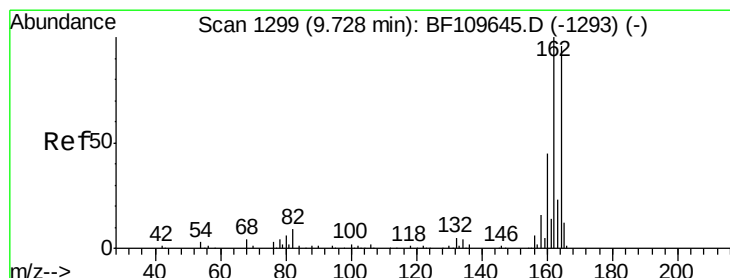
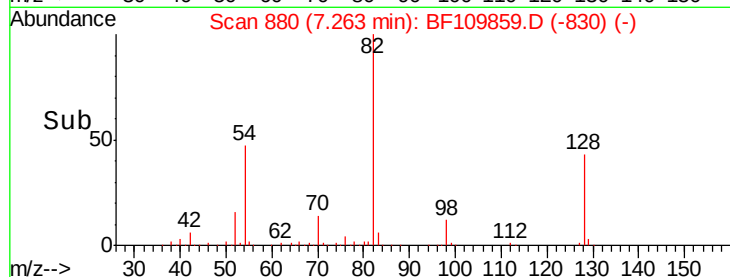
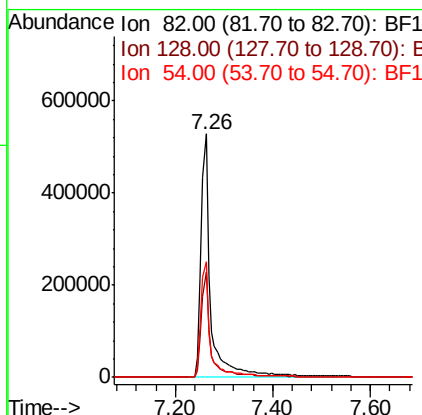
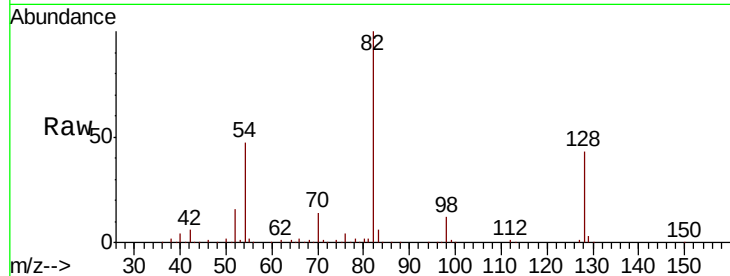




#23
 Nitrobenzene-d5
 Concen: 106.492 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109859.D
 Acq: 13 Oct 2018 3:17

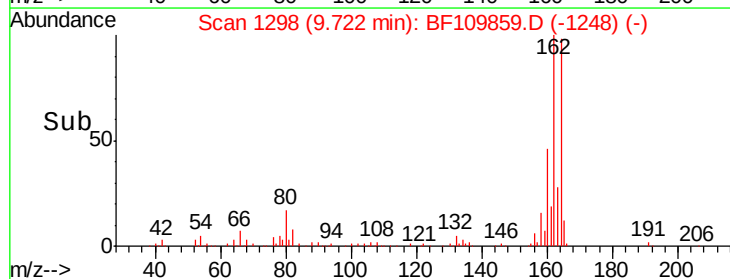
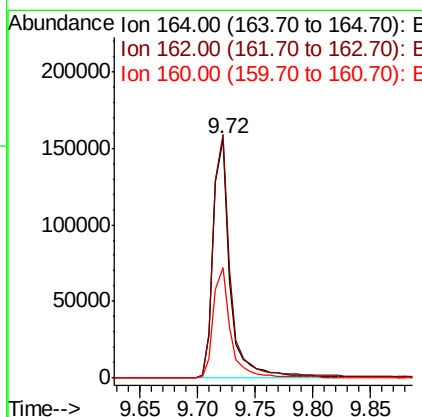
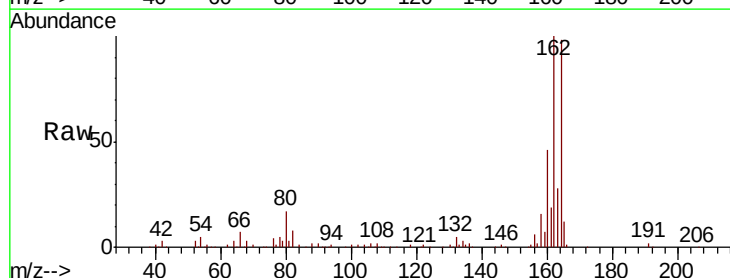
Instrument :
 BNA_F
 ClientSampleId :
 101018-SIDI-F-D-M

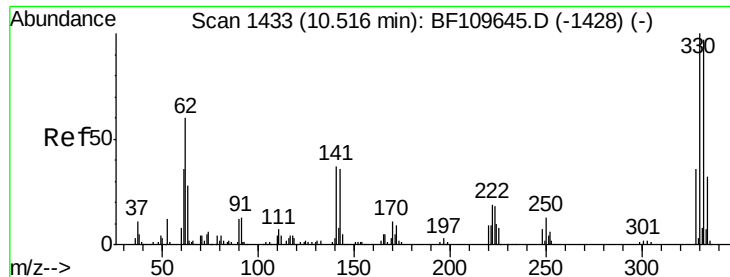
Tot Ion	82	Resp	740530
Ion Ratio	Lower	Upper	
82	100		
128	43.2	34.2	51.2
54	47.4	38.6	58.0



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109859.D
 Acq: 13 Oct 2018 3:17

Tgt Ion	164	Resp	160379
Ion Ratio	Lower	Upper	
164	100		
162	101.9	83.0	124.6
160	46.5	37.0	55.6

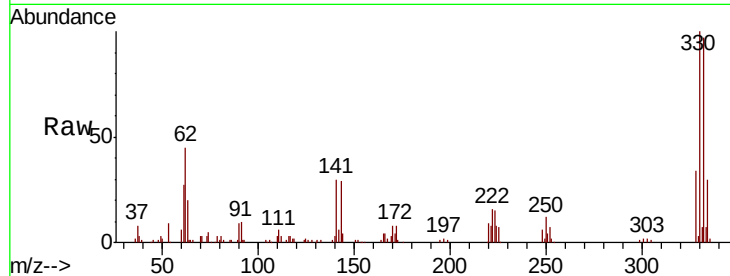




#41
 2,4,6-Tribromophenol
 Concen: 76.327 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109859.D
 Acq: 13 Oct 2018 3:17

Instrument :
 BNA_F
 ClientSampleId :
 101018-SIDI-F-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.1	115.7
141	34.8	27.0	40.4

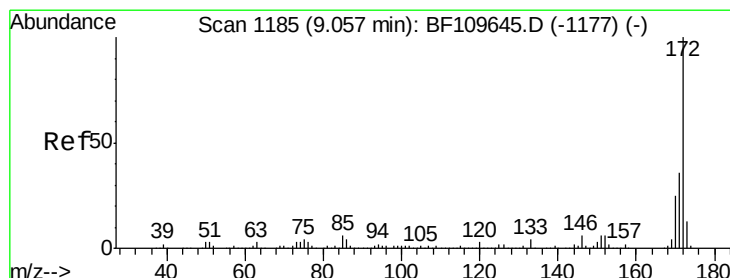
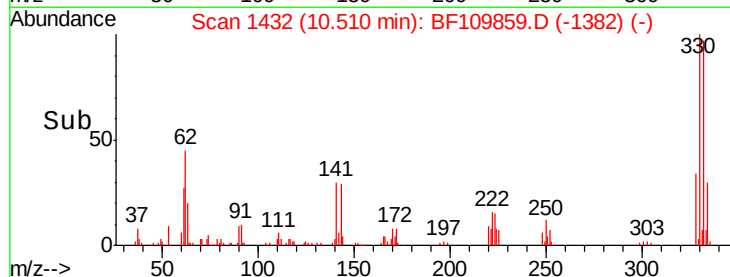
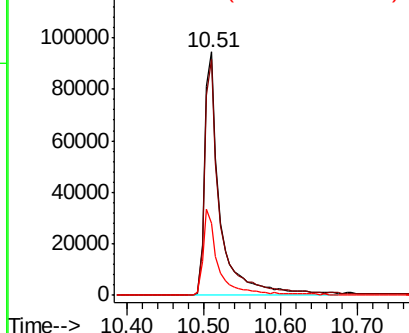


Abundance

Ion 329.80 (329.50 to 330.50): E

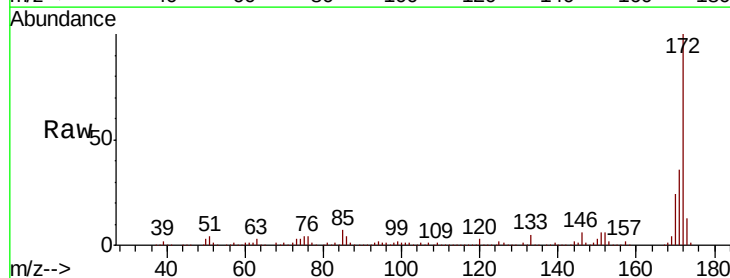
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 108.219 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109859.D
 Acq: 13 Oct 2018 3:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	24.0	19.7	29.5

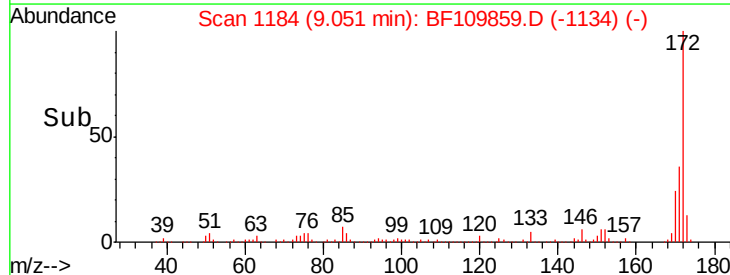
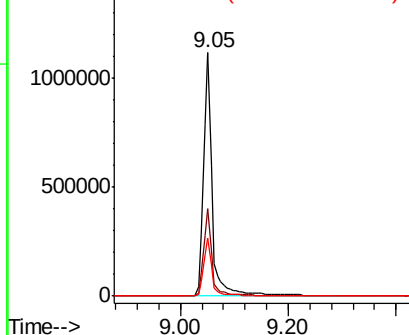


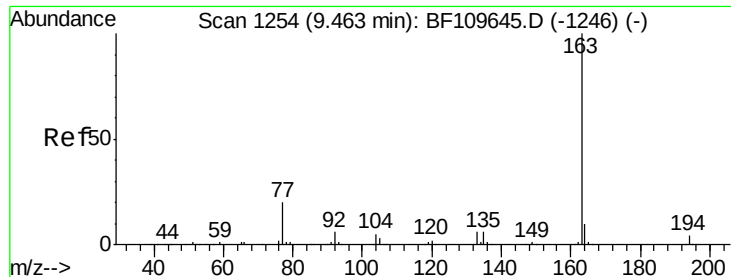
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

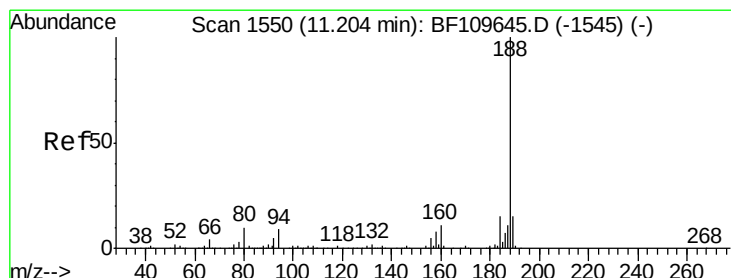
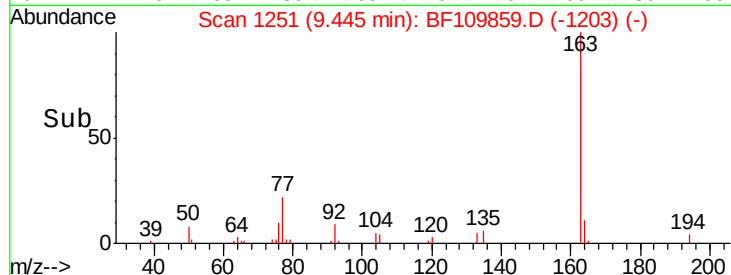
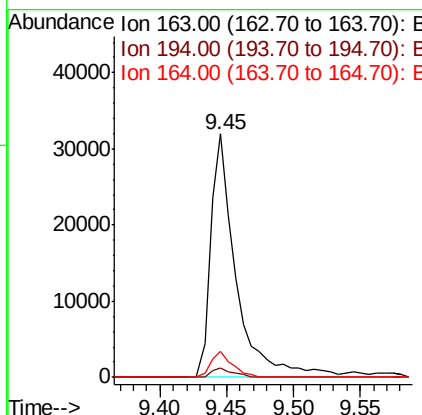
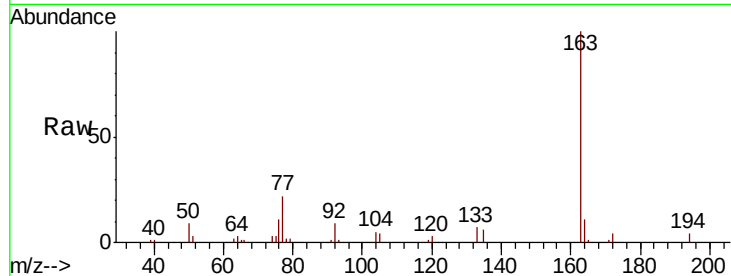




#49
Dimethylphthalate
Concen: 3.625 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109859.D
Acq: 13 Oct 2018 3:17

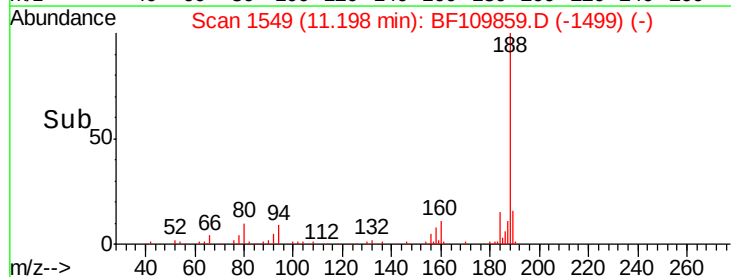
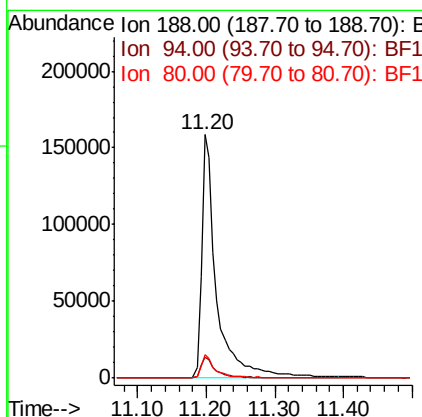
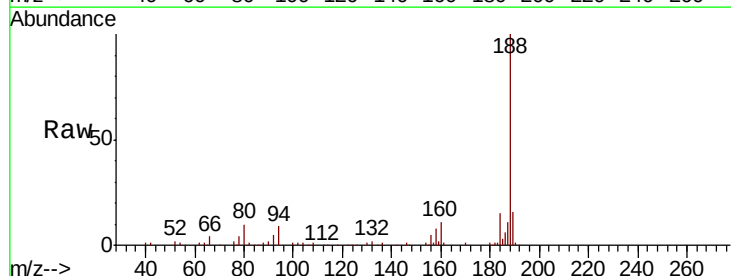
Instrument :
BNA_F
ClientSampleId :
101018-SIDI-F-D-M

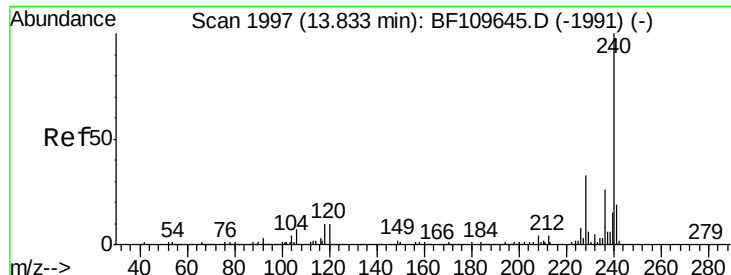
Tot Ion:163 Resp: 42635
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.8 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109859.D
Acq: 13 Oct 2018 3:17

Tgt Ion:188 Resp: 245172
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.8 7.9 11.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109859.D

Acq: 13 Oct 2018 3:17

Instrument :

BNA_F

ClientSampleId :

101018-SIDI-F-D-M

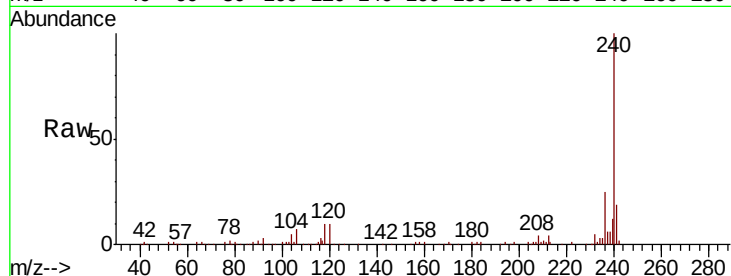
Tot Ion:240 Resp: 209040

Ion Ratio Lower Upper

240 100

120 10.5 8.3 12.5

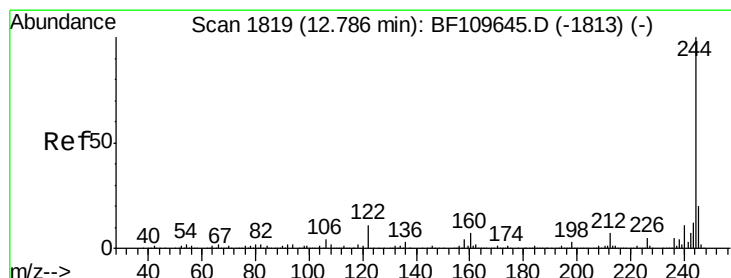
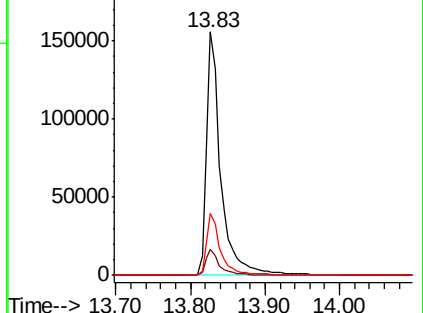
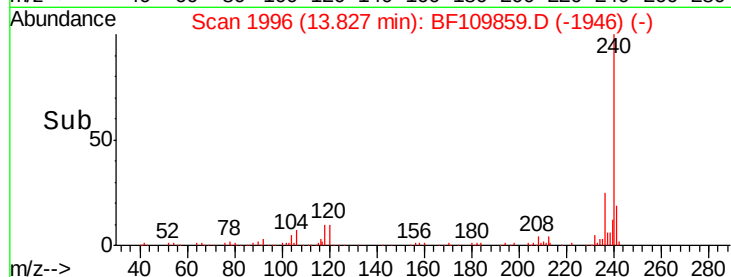
236 25.4 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 79.428 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109859.D

Acq: 13 Oct 2018 3:17

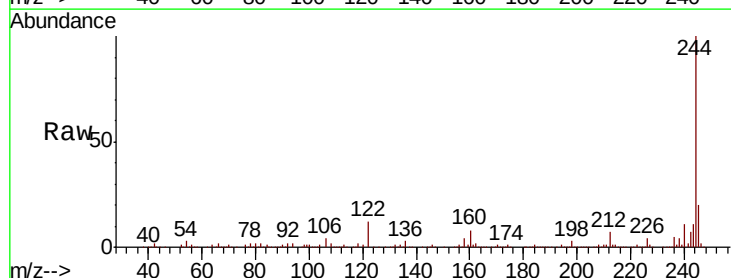
Tgt Ion:244 Resp: 857694

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

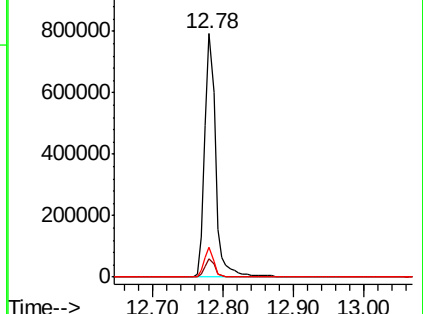
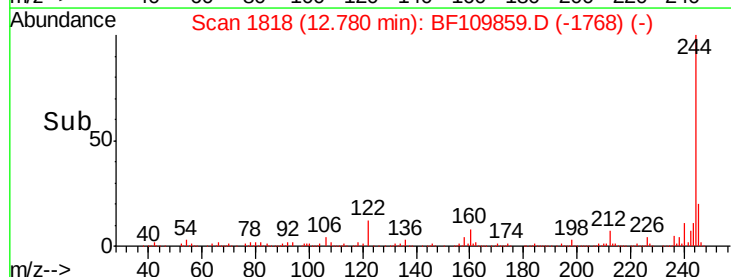
122 12.1 8.7 13.1

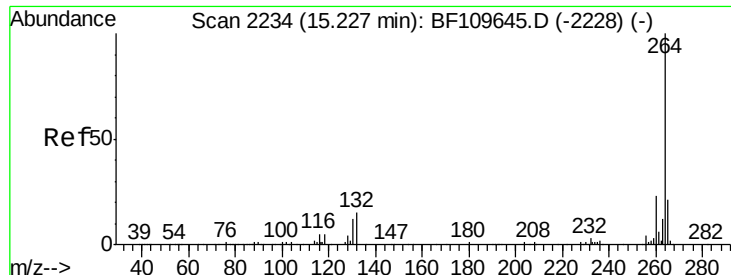


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109859.D
Acq: 13 Oct 2018 3:17

Instrument :
BNA_F
ClientSampleId :
101018-SIDI-F-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	20.7	16.7	25.1

